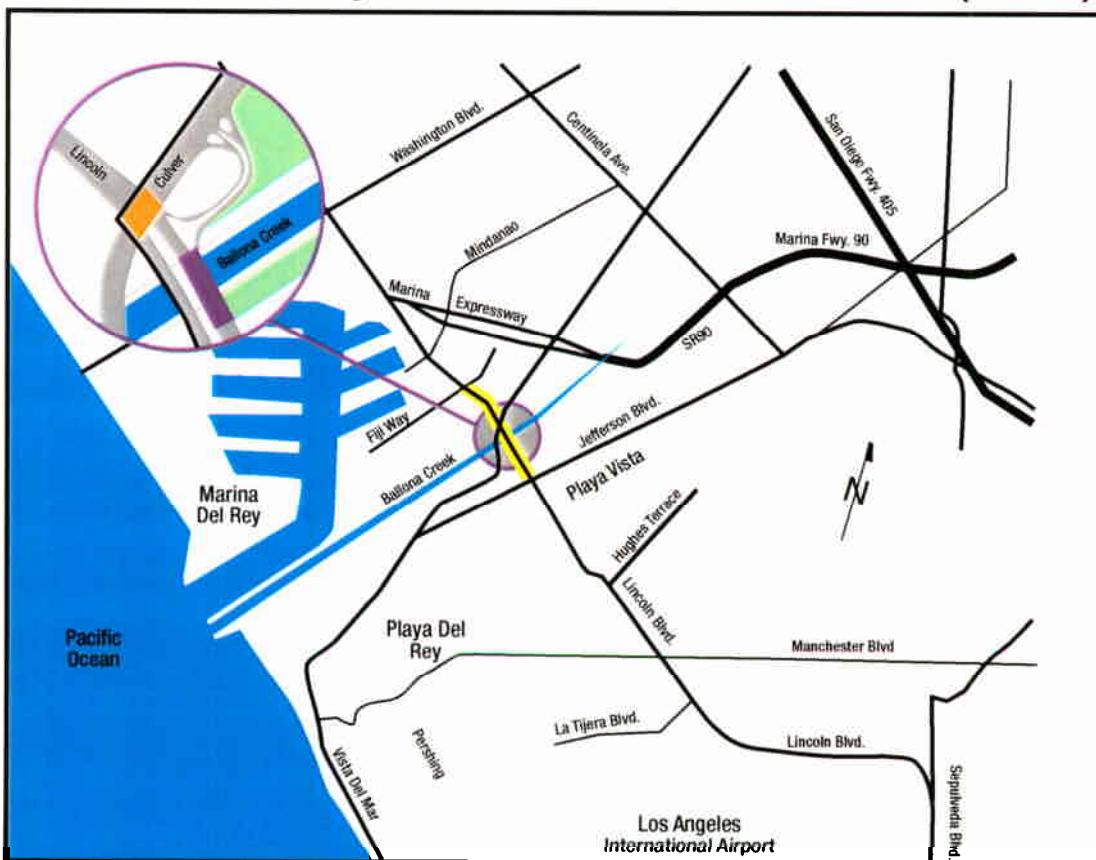


Route 1 (Lincoln Boulevard)

**Widening from Jefferson Blvd. to Fiji Way,
Construction of a New Bridge over Ballona Creek,
and Replacement of the Culver Blvd. Overcrossing**

Draft Initial Study/Environmental Assessment (IS/EA)



California Department of Transportation
Los Angeles, District 7
Office of Environmental Planning



TABLE OF CONTENTS

| | | |
|-------|---|----|
| 1. | PROJECT PURPOSE, NEED, AND JUSTIFICATION..... | 3 |
| 1.1 | INTRODUCTION | 3 |
| 1.2 | PROJECT PURPOSE AND NEED | 3 |
| 1.3 | TRAFFIC AND ACCIDENT CONDITIONS | 3 |
| 1.3.1 | Current and Forecasted Traffic | 3 |
| 1.3.2 | Accident Rates | 6 |
| 2. | DESCRIPTION OF PROPOSED PROJECT AND ALTERNATIVES | 13 |
| 2.1 | INTRODUCTION | 13 |
| 2.2 | ALTERNATIVES CONSIDERED..... | 13 |
| 2.2.1 | Alternative 1 - The “No Build” Alternative..... | 13 |
| 2.2.2 | Alternative 2 - Proposed Project..... | 13 |
| 2.2.3 | North/South Corridor Alternatives Considered but Rejected | 14 |
| 2.2.4 | Conclusion – A Clear Basis for Choice | 16 |
| 2.3 | OTHER PROJECTS | 16 |
| 2.3.1 | Related Caltrans Projects | 16 |
| 2.3.2 | Playa Vista Development..... | 18 |
| 2.3.3 | Marina del Rey Local Coastal Plan (LCP) | 19 |
| 2.3.4 | LAX Master Plan | 19 |
| 2.3.5 | West Bluff Development | 19 |
| 3. | AFFECTED ENVIRONMENT..... | 23 |
| 3.1 | INTRODUCTION | 23 |
| 3.2 | TOPOGRAPHY..... | 23 |
| 3.2.1 | Geology..... | 23 |
| 3.2.2 | Soils | 23 |
| 3.2.3 | Seismicity..... | 23 |
| 3.3 | HYDROLOGY | 24 |
| 3.3.1 | Surface Water..... | 24 |
| 3.3.2 | Floodplain | 24 |
| 3.3.3 | Groundwater | 24 |
| 3.4 | AIR QUALITY | 26 |
| 3.4.1 | Air Basin and Air Quality Issues | 26 |
| 3.4.2 | Regulatory and Planning Requirements..... | 26 |
| 3.4.3 | Federal Attainment Status..... | 27 |
| 3.4.4 | State Standards..... | 27 |
| 3.5 | HAZARDOUS WASTE..... | 27 |
| 3.6 | BIOLOGICAL RESOURCES | 29 |
| 3.7 | LAND USE AND PLANNING..... | 29 |
| 3.8 | SOCIAL AND ECONOMIC RESOURCES | 30 |
| 3.9 | PUBLIC SERVICES AND FACILITIES | 31 |
| 3.10 | CULTURAL RESOURCES | 31 |

TABLE OF CONTENTS, LIST OF FIGURES, AND LIST OF TABLES

| | |
|---|-----|
| 3.11 VISUAL | 32 |
| 3.12 NOISE..... | 32 |
| 3.12.1 Fundamentals of Traffic Noise | 32 |
| 3.12.2 Affected Projects..... | 35 |
| 3.12.3 Noise Abatement Criteria (NAC) | 35 |
| 3.12.4 Federal Requirements | 35 |
| 3.12.5 California Requirements | 35 |
| Noise Environment | 37 |
| 4. ENVIRONMENTAL EVALUATION..... | 41 |
| 4.1 INTRODUCTION | 41 |
| 4.2 LIST OF TECHNICAL STUDIES/REPORTS | 41 |
| 4.3 ENVIRONMENTAL SIGNIFICANCE CHECKLIST..... | 42 |
| 5. DISCUSSION OF ENVIRONMENTAL EVALUATION | 47 |
| 6. CONSULTATION AND COORDINATION | 65 |
| 6.1 PUBLIC INVOLVEMENT..... | 65 |
| 6.2 LOCAL COORDINATION..... | 65 |
| 6.3 MAILING LIST | 65 |
| 6.3.1 Elected Officials..... | 65 |
| 6.3.2 Responsible Agencies, Review Agencies, and Trustee Agencies | 66 |
| 6.3.3 Interested Individuals and Organizations..... | 67 |
| 7. LIST OF PREPARERS | 71 |
| 8. TITLE VI POLICY STATEMENT | 75 |
| 9. APPENDICES | 79 |
| APPENDIX A – AERIAL PHOTOGRAPH | 81 |
| APPENDIX B – LAYOUT PLANS | 85 |
| APPENDIX C – TYPICAL CROSS SECTIONS: ROADWAY | 91 |
| APPENDIX D – TYPICAL CROSS SECTION: NEW BALLONA BRIDGE | 97 |
| APPENDIX E – TYPICAL CROSS SECTIONS: NEW CULVER BLVD. O/C..... | 101 |

TABLE OF CONTENTS, LIST OF FIGURES, AND LIST OF TABLES

LIST OF FIGURES

| | | |
|-----------|-------------------------------|---------|
| Figure 1 | Regional Location Map..... | PAGE 4 |
| Figure 2 | Project Location Map..... | PAGE 5 |
| Figures 3 | Route 1 Related Projects..... | PAGE 17 |
| Figures 4 | Ballona Creek Watershed..... | PAGE 25 |

LIST OF TABLES

| | | |
|---------|--|---------|
| Table 1 | Level of Service Definitions for Signalized Intersections..... | PAGE 7 |
| Table 2 | Existing and Forecast Traffic Volumes on Route-1..... | PAGE 8 |
| Table 3 | Intersection Peak Hour Levels of Service Existing and..... Forecast Conditions With and Without Project | PAGE 9 |
| Table 4 | Traffic Accident Surveillance and Analysis System (TASAS)..... July 1 st , 1996 – June 30 th , 1999 | PAGE 10 |
| Table 5 | Ambient Air Quality Standards..... | PAGE 28 |
| Table 6 | Typical Noise Levels..... | PAGE 34 |
| Table 7 | Noise Abatement Criteria (NAC)..... | PAGE 36 |

6-CONSULTATION AND COORDINATION

6. CONSULTATION AND COORDINATION

6.1 *Public Involvement*

The California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) regulations do not require an Initial Study/Environmental Assessment (IS/EA) to include formal scoping procedures. However, in light of the high public interest in this project, and its regional significance as a project unto itself, efforts were undertaken to ensure that the concerns of residents and business owners in neighboring areas are known, and incorporated into the project development process. There has been lengthy public involvement during preparation of the environmental documents for the Playa Vista and the Entertainment Media Technology District (EMT) project by the City of Los Angeles, including public hearings and coordination with the local councilmember's office.

The IS/EA document is being circulated for public comment. A public meeting will be offered during the public comment period. Notice of this public meeting will be placed in appropriate local newspapers in advance of the meeting. Copies of this IS/EA document can be reviewed at the Caltrans District 7 Office, and the Loyola Village Branch of the Los Angeles Public Library at 7114 W. Manchester Avenue, Los Angeles, CA.

6.2 *Local Coordination*

The improvements described in this document have the support of the City of Los Angeles, the County of Los Angeles, and the Westchester Chamber of Commerce. Caltrans has coordinated efforts with all the appropriate local agencies.

6.3 *Mailing List*

The following elected officials, responsible agencies, and interested individuals were mailed a copy of this environmental document.

6.3.1 Elected Officials

| Official | Title |
|---------------------------------------|------------------------------------|
| The Honorable Diane Feinstein | United States Senator |
| The Honorable Barbara Boxer | United States Senator |
| The Honorable Steve Kuykendall | United States Member of Congress |
| The Honorable Debra Bowen | California State Senator |
| The Honorable George Nakano | California State Assemblymember |
| The Honorable Yvonne Brathwaite-Burke | Supervisor, Los Angeles County |
| The Honorable Zev Yaroslavsky | Supervisor, Los Angeles County |
| The Honorable Don Knabe | Supervisor, Los Angeles County |
| The Honorable Ruth Galanter | Councilmember, City of Los Angeles |
| The Honorable Richard Riordon | Mayor, City of Los Angeles |

6.3.2 Responsible Agencies, Review Agencies, and Trustee Agencies

| Agency |
|--|
| Aeronautics Program Manager |
| Bureau of Engineering- City of Los Angeles |
| California Highway Patrol (West Los Angeles) |
| California Native Plant Society |
| California Wildlife Federation |
| Center for Disease Control and Prevention, DHHS |
| City of Los Angles |
| County of Los Angeles Dept. of Regional Planning |
| County of Los Angeles Fire Department |
| Daily News |
| Department of Boating and Waterways |
| Department of Education |
| Department of Fish and Game |
| Department of Housing and Urban Development |
| Director of Public Works |
| Environmental Protection Agency (EPA) |
| Federal Aviation Administration |
| Federal Emergency Management Agency |
| Federal Transit Administration, Region 9 |
| LA City Department of Public Works |
| LA Dept of Water and Power |
| Los Angeles County Department of Public Works |
| Los Angeles County Sanitation District |
| Los Angeles County Sheriff's Department |
| Los Angeles Department of Transportation |
| Los Angeles Unified School District |
| Metropolitan Transportation Authority |
| Museum of Vertebrate Zoology |
| National Oceanic and Atmospheric Administration |
| Native American Heritage Commission |
| Native American Tribal Councils |
| Office of Transportation Programs |
| Planning Deputy |
| Regional Air Pollution Control District |
| Regional Planner, Section Head |
| Department of Energy |
| Santa Monica Municipal Bus Lines |
| Sierra Club |
| Southern California Association of Governments |
| Southern California Gas Company |
| State Clearinghouse |

| |
|---|
| U.S. Army Corps of Engineers |
| U.S. Department of Agriculture |
| U.S. Department of Commerce |
| U.S. Department of Interior |
| U.S. Fish and Wildlife Service |
| USDA Natural Resources Conservation Service |
| USEPA, Region 9 |
| Westchester/Marina del Rey Chamber of Commerce |
| Bureau of Street Services - City of Los Angeles |
| Bureau of Street Lighting - City of Los Angeles |
| Department of Water and Power - City of Los Angeles |
| Office of the Attorney General |

6.3.3 Interested Individuals and Organizations

| Contact | Organization/Institution |
|---------------------------------|--|
| Ms. Lola Terrell | |
| Ms. Jo Powe | |
| Ms. Valerie Shlareeshy | |
| Ms. Patricia Healy | |
| Ms. Jan Williamson | |
| Mr. Stuart Sperling | |
| R.V. MacHardy | |
| Ms. Cardya Allen | |
| Mr. John Davis | |
| Mr. Douglas Korthof | |
| Mr. Rex Frankel | |
| Ms. Ruth Lanceford | Friends of Ballona Wetlands |
| Mr. David Trump, Vice President | Loyola Marymount University |
| Ms. Catherine Tyrell | Playa Vista |
| Mr. J. Tim Connors, P.E. | Playa Vista |
| Mr. Wayne Smith | PSOMAS |
| Ms. Kathy Knight | Spirit of the Sage |
| | Ballona Wetlands Task Force |
| | The Ballona Lagoon Marine Preserve |
| | The Ballona Valley Preservation League |
| Ms. Sabrina Venskus | The Ballona Wetlands Landtrust |
| Ms. Marcia Hanscom | The Wetlands Action Network |
| Ms. Patricia McPherson | Friends of Animal Earthways |
| | Sierra Club, Los Angeles Chapter |
| Mr. Richard S. Musella | Westchester/Marina del Rey Chamber |
| Dr. Gary D. Schalman, Ph.D. | PCR Consultants |
| Mr. Paul Casey | Big Blue Bus |
| Mr. Paul Romeo | |
| Mr. Ed Schnauss | |
| Mr. Rex Frankel | |

CONSULTATION AND COORDINATION

| | |
|--------------------------|---|
| Mr. Frankie Lee Slater | |
| Mr. Randall E. Hartman | |
| Mr. Chris Williams | |
| Mr. Frank J. Gruber | |
| Ms. Patricia Ann Fiedler | ASLA/Landscape Architect |
| Michelle Juanita Sypert | Sierra Club Ballona Wetlands Task Force |